

U.S. Patent Application No. 10/599,852
Amendment
Response to Office Action dated July 17, 2008

Docket No. 1610-122

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AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application.

1. (Currently amended) A [[B]]bimetallic thermostat with exchange contacts comprising;

an external support covering; and

an internal device, wherein said internal device comprises ~~made up of~~

a pierced base provided with a packing and ~~with~~ electric contacts ~~with~~ to
the outside of the bimetallic thermostat, ~~of~~

a relay electrically connected with said base, and ~~of~~

a sensitive thermostatic element electrically connected with said relay,

~~characterized in that it additionally comprises~~ wherein a printed circuit is
interposed between ~~the sensing~~ the sensitive thermostatic element and the relay to
provide said electrical connection, and

wherein said sensitive thermostatic element is electrically connected with said
printed circuit by means of conductive feet.

2. (Currently amended) The bimetallic [[T]]thermostat according to claim 1,
wherein said relay is electrically connected with said base by means of electric wires.

3. (Canceled)

4. (Currently amended) The bimetallic [[T]]thermostat according to claim 1,
wherein said electric contacts ~~with~~ to the outside of the bimetallic thermostat consist of
external feet with which ~~said~~ electric wires are connected.

5. (Currently amended) The bimetallic [[T]]thermostat according to claim 1,
wherein said external covering is partially provided with an external connection thread.

{WP535278.3}

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6. (New) The bimetallic thermostat according to claim 1, wherein said printed circuit comprises first holes for the ends of wires connecting the electric contacts with the printed circuit, and second holes for the fastening of the relay and printed circuit routes.

7. (New) The bimetallic thermostat according to claim 1, wherein said printed circuit comprises slots to house the conductive feet.

8. (New) The bimetallic thermostat according to claim 1, wherein the relay is supported by said pierced base.